

Notice of Allowability

Application No.

10/806,233

Examiner

David E. Martinez

Applicant(s)

PARRISH, DONALD L.

Art Unit

2181

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/23/04.
2. ☒ The allowed claim(s) is/are 1-20 ²¹ *Don*
6/14/06
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 8/13/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Supervisory
FRITZ FLEMING
PRIMARY EXAMINER
GROUP 2100
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6/12/2006

Allowable Subject Matter

DM
6/14/06

Claims 1-²¹~~20~~ are allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

The prior art of record fail to teach or fairly suggest in claim 1 "local handshaking means electrically coupled to said peripheral port for simulating communication from the server computing device to the peripheral device if none of said plurality of host computer ports is at said state indicative of the server computing device being coupled thereto" and in claim 17, step (f.) "simulating communication from the server computing device to the peripheral device using said local handshaking means if none of said plurality of host computer ports is at said state indicative of the server computing device being coupled thereto".

The closest prior art of record only teach the following:

US Patent No. 6,957,287, US Patent Application Publication No. 2003/0093599, and US Patent Application No 2005/0283563 (all to Lou et al.) teaches a switch for sharing a peripheral with a plurality of computer systems, the switch using USB host emulation programs to enable it to communicate with USB devices such as USB keyboard and USB mice and a USB hub (peripherals). The use of emulation makes the switch appear as a computer to peripheral devices, and enables the switch to communicate with USB devices or USB PCs at the same time [column 2 lines 45-54, paragraph 23, and paragraph 24 in the respective cited references].

US Patent No. 5,752,048 to Antol et al. teaches in a computer, when the computer enters a suspend mode, a device for preventing an operating system from locking up the computer when a suspend or sleep mode is entered by providing a simulation of an idle UART for a peripheral operably connected to the computer [abstract, column 2 lines 35-42].

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the

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issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David E. Martinez whose telephone number is (571) 272-4152. The examiner can normally be reached on 8:30-5:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fritz M. Fleming can be reached on 571-272-4145. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DEM


Supervisory/ FRITZ FLEMING
PRIMARY EXAMINER
GROUP 2100 6/12/2006
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